

Application No. 10/602,025  
Amendment under 37 CFR 1.116  
Reply to Office Action dated November 1, 2007  
February 1, 2008

AMENDMENTS TO THE CLAIMS

Please substitute the following claims for the pending claims with the same numbers, respectively:

Claim 1 (Currently amended): An indwelling catheter set for use with an infusion system having an opposite connector, the indwelling catheter set comprising:

a catheter;

a cover fixed to a proximal end of the catheter;

a connector having a hemostatic valve housed in the connector, the connector being fixed to the cover;

an adapter detachably connected to one end of the connector;

a hollow needle slidably fitted to an inside of the catheter;

a needle cover fixed to a proximal end of the hollow needle, the needle cover being configured so as to be connected with the adapter; and

a telescopic pipe comprising a safety cover, the telescopic pipe being housed in the needle cover so as to be extensible wherein the safety cover covers a distal end of the hollow needle when the telescopic pipe is fully extended,

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wherein the one end of the connector is also connectable with the opposite connector when the adapter is detached so that a flow path for fluid to travel through the infusion system to the catheter is along and parallel with a longitudinal axis of the connector, and

wherein the adapter includes a second homeostatic valve.

Claims 2-4 (Cancelled):

Claim 5 (Currently amended): The indwelling catheter set of claim [[3]] 1, wherein the hemostatic valves are disposed in a coaxial and separated manner so as to guide the hollow needle.

Claim 6 (Previously presented): The indwelling catheter set of claim 1, wherein the hemostatic valve is so disposed in the connector that a portion of the opposite connector is capable to pass through the hemostatic valve when the opposite connector is detachably connected to the one end of the connector.

Claim 7 (Previously presented): The indwelling catheter set of claim 1, wherein the one end of the connector includes engaging means for making a connection with either of the adapter

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and the opposite connector.